I. AMENDMENTS

In the Claims

Please amend the claims to read as follows:

C1

8. (Twice amended) The method of claim 1, wherein said solid support is selected from the group consisting of agarose, polyacrylimide, glass, ceramics, natural or synthetic polymeric materials, beads, coverslips, paper, metals, metalloids, polacryloylmorpholide, polyamide, poly(tetrafluoroethylene), polyethylene, polypropylene, poly(4-methylbutene), polystyrene, polystyrene, polystyrene/latex, polymethacrylate, poly(ethylene terephthalate), rayon, nylon, poly(vinyl butyrate), polyvinylidene difluoride (PVDF), silicones, polyformaldehyde, cellulose, cellulose acetate, nitrocellulose, and controlled-pore glass, aerogels, and affinity exchange resins.

Please add the following claims:

C2

--105. The method of claim 1, wherein the modified FlAsH compound is immobilized on a solid support by reaction with an N-hydroxysuccinamide (NHS) functionalized solid support.

106. The method of claim 1, wherein the modified FlAsH compound has been modified at a primary amine of a 5 position of flourescein, by acylation with an amino acid,.

107. A method for isolating a polypeptide of interest comprising;

a) contacting a modified Fluorescein arsenical helix binder (FlAsH) compound, which has been modified by acylation with an amino acid, or a tautomer, anhydride or salt of said modified FlAsH compound, immobilized on a solid support with a solution containing a polypeptide of interest, which has been modified to contain a FlAsH target sequence motif, under conditions that allow binding of the polypeptide to the immobilized FlAsH compound, wherein the solid support is selected from the group

consisting of agarose, polyacrylimide, glass, ceramics, natural or synthetic polymeric materials, beads, coverslips, paper, metals, metalloids, polacryloylmorpholide, polyamide, poly(tetrafluoroethylene), polyethylene, polypropylene, poly(4-methylbutene), polystyrene, polystyrene, polystyrene/latex, polymethacrylate, poly(ethylene terephthalate), rayon, nylon, poly(vinyl butyrate), polyvinylidene difluoride (PVDF), silicones, polyformaldehyde, cellulose, cellulose acetate, nitrocellulose, and controlled-pore glass, aerogels, and affinity exchange resins; and

b) eluting the polypeptide of interest from the immobilized FlAsH compound.

108. The method of claim 107, wherein the modification is by acylation with β-alanine.

109. The method of claim 107, wherein the modified FlAsH compound is immobilized on a solid support by reaction with an N-hydroxysuccinamide (NHS) functionalized solid support.

110. The method of claim 109, wherein the NHS functionalized solid support comprises NHS functionalized agarose beads.

111. The method of claim 107, wherein the modified FlAsH compound comprises 4'5'-bis(1,2,3-dithioarsolan-2yl)5-((5-aminoethyl)aminocarbonyl-fluorescein.--